

# ASSIGNMENT 5

Textbook Assignment: "Audiovisual Equipment," chapter 5, pages 5-1 through 5-32.

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- 5-1. Before a major presentation, what action regarding the maintenance of projection devices should you take?
1. Test the device
  2. Inspect the device
  3. Clean all optical surfaces
  4. Each of the above
- 5-2. What do you use to clean the optical surfaces of a projection device?
1. A chamois
  2. A lint-free cloth
  3. Both 1 and 2 above
  4. A camel hair brush
- 5-3. Why would you run a projection device 5 minutes before the presentation?
1. To warm it up
  2. To make sure it is working
  3. To review the presentation
  4. To prepare the audience for the presentation
- 5-4. What angle between the projection lens and the screen prevents keystoneing?
1. 30 degree
  2. 60 degree
  3. 90 degree
  4. 120 degree
- 5-5. The opaque projector operates by reflecting light off of what type of object?
1. Transparencies
  2. Slides
  3. Books
  4. Glass
- 5-6. An opaque projector will project three-dimensional objects, such as small machine parts, gears, and cams.
1. True
  2. False
- 5-7. What is the purpose for the roll feed assembly of an opaque projector?
1. To lower the assembly platform
  2. To raise the conveyor belt into place
  3. To raise the projection platform
  4. To slide objects into the projection platform
- 5-8. What is the thickest object that will fit on the platen assembly of an opaque projector?
1. 1 1/2 inches
  2. 2 inches
  3. 2 1/2 inches
  4. 3 inches
- 5-9. What is the first step for replacing the bulb in an opaque projector?
1. Remove the plug from the wall socket
  2. Allow the lamp to cool down
  3. Press down on the bulb
  4. Turn off the power
- 5-10. What is the last step for replacing a bulb in an overhead projector?
1. Turning on the power
  2. Warming up the bulb for 1 minute
  3. Plugging the projector into the socket
  4. Cleaning the new bulb of all fingerprints
- 5-11. An overhead projector projects what type of material?
1. Opaque
  2. Translucent
  3. Transparent
  4. Three dimensional
- 5-12. What is a disadvantage to using an overhead projector?
1. Heat buildup
  2. Overly sensitive bulbs
  3. Extended cool down periods
  4. Distracting noise from motor

- 5-13. What is a major advantage of an overhead projector?
1. Simplicity
  2. Low-watt consumption
  3. Writing directly on the visuals
  4. Projecting three-dimensional objects
- 5-14. What is the name of the concentric circular scribes that focus and intensify the light source?
1. Fresnel lens
  2. Mirror assembly
  3. Polarized spinner
  4. Thermostatic control
- 5-15. How would you place a visual on an overhead projector for front screen projection?
1. With the bottom of the projectural facing the screen
  2. With the top of the projectural facing the screen
  3. So that the projectural is illegible
  4. With the face down on the projection stage
- 5-16. For rear screen projection, how would you place the projectural on an overhead projector?
1. With the face up
  2. So that it is legible to the operator
  3. So that it is illegible to the operator
  4. With the bottom of the projectural facing the screen
- 5-17. Why is the overhead projector equipped with a three-position switch?
1. To turn on the lamp and advance the transparencies
  2. To power the lamp and the polarized spinner
  3. To turn on the blower and advance the transparencies
  4. To power the blower to cool the bulb once the projector is off
- 5-18. What type of projector is the most common type in military commands?
1. Slide
  2. Opaque
  3. Overhead
  4. Portable overhead
- 5-19. To select a particular slide in a loaded tray during a presentation, which action should you take?
1. Remove the slide tray and remove the slide
  2. Set the slide timer to M and forward through the slides
  3. Depress the select button to sequence through the slides
  4. Depress the select button and move the tray to position the slide above the gate
- 5-20. When you operate a slide projector and set the timer at the M position, how many seconds will each slide project?
1. 5
  2. 10
  3. 15
  4. As long as the operator desires
- 5-21. What action do you take when it is difficult to remove the slide tray from a slide projector?
1. Use a coin to turn the slotted screw on the top of the tray
  2. Turn off the projector, then turn it back on
  3. Jiggle the tray until it gives way
  4. Force it from the top
- 5-22. What is the first step for changing the bulb of a slide projector?
1. Turn off the power
  2. Turn off the blower
  3. Allow the bulb to cool
  4. Remove the plug from the socket
- 5-23. After replacing the bulb in a projector, how long should you run the projector?
1. 1 minute
  2. 3 minutes
  3. 5 minutes
  4. 7 minutes
- 5-24. What is the purpose of a stack loader?
1. To allow rapid loading and rearrangement of slides
  2. To permit stacking the projectors in a projection rack
  3. To allow the operator to stack projection devices on the same plug
  4. To allow different briefs or presentations to follow directly after the last

- 5-25. Which slide projection accessory has flashing or overlay capabilities?
1. A programmer
  2. A slide tray
  3. A stack loader
  4. A dissolve unit
- 5-26. What should you consider when positioning a projector rack in a media integrated theater?
1. Access
  2. Ventilation
  3. Angle to the screen surface
  4. Each of the above
- 5-27. What advantage does switching from SP to LSP give you?
1. More recording time
  2. Less recording time
  3. More positive tracking
  4. Better recording quality
- 5-28. A VHS prerecorded tape chatters or stutters when you play it. VHS action should you take?
1. Switch the speed of play
  2. Adjust the track dial
  3. Clean the tape heads
  4. Rewind the tape
- 5-29. How do you disable the record function of a tape cartridge?
1. Cut the tape
  2. Degauss the tape
  3. Break the tab on the tape cartridge
  4. Place masking tape over the tab on the tape cartridge
- 5-30. A misadjusted video projector projects what sort of image?
1. An out-of-focus image
  2. An image that chatters
  3. A faded image
  4. A ghost image
- 5-31. What is the purpose of a tape counter?
1. To cue sound and monitor tape
  2. To measure tape left on a reel
  3. To total the amount of tape on a cartridge
  4. To meter time left to a presentation
- 5-32. To record on a cassette tape, what buttons must you depress simultaneously?
1. Play and Pause
  2. Record and Stop
  3. Play and Record
  4. Record and Pause
- 5-33. How often should you clean the heads on a cassette player/recorder?
1. Every 6 hours
  2. Every 8 hours
  3. Every 10 hours
  4. Every 18 hours
- 5-34. What should you do with damaged speakers?
1. Replace or repair them
  2. Use them only occasionally
  3. Move them to the front of the theater
  4. Move them to the back of the theater
- 5-35. What causes a speaker wire to cut in and out?
1. A torn speaker
  2. A bad amplifier
  3. A crushed speaker
  4. An oxidized speaker wire
- 5-36. What combination illustrates the use of media integration?
1. A speaker and a slide show
  2. A projector and a lectern
  3. A projector and a lecture pad
  4. A projector and controllable lights
- 5-37. What is NOT an example of a lecture aid?
1. A script
  2. A pointer
  3. A lectern
  4. A light switch
- 5-38. What item would you NOT place near an electrified podium?
1. A glass of water
  2. A pointer
  3. A script
  4. A fan

- 5-39. How can you make lightweight, cut out objects stick to a flannel board?
1. Pin them on the board
  2. Put glue on the back of them
  3. Put tape on the back of them
  4. Put a slightly abrasive backing on them
- 5-40. What is the one advantage hook and loop boards have over a flannel board?
1. Objects hung on the board may be larger or heavier
  2. Objects hung on the board must be lighter
  3. Objects hung on the board may be smaller
  4. The board covering is more colorful
- 5-41. What type of markers must you use on a marker board?
1. Felt tip
  2. Erasable
  3. Pantone
  4. Common
- 5-42. Why should you place an additional sheet of paper under the lecture pad paper you intend to mark on?
1. To make the paper appear more white
  2. To make the paper surface smoother
  3. To prevent scoring the next sheet of paper
  4. To prevent ink from bleeding through
- 5-43. Writing legibly and using fresh markers will prevent embarrassment in front of an audience.
1. True
  2. False
- 5-44. What two basic types of projection screens are found in presentation theaters?
1. Front and rear
  2. Front and white
  3. White and silver
  4. Rear and translucent
- 5-45. How can you project in rear screen projection an image that is too large for direct projection?
1. Set up a mirror at a 45-degree angle
  2. Move the projector to the front
  3. The image is reshot as a slide
  4. Schedule a larger theater
- 5-46. What criteria do you use to base the selection of a front projection screen for a presentation?
1. Room dimension
  2. Screen surface
  3. Angle of projection
  4. Both 1 and 3 above
- 5-47. What screen is brighter than a beaded screen?
1. Lenticular
  2. Matte
  3. White
  4. Grey
- 5-48. What screen rejects room light from its surface?
1. High gain aluminium
  2. Lenticular
  3. Beaded
  4. Matte
- 5-49. What screen reflects all light including the light from overhead?
1. High gain aluminium
  2. Lenticular
  3. Beaded
  4. Matte
- 5-50. What screen diffuses light evenly and in all directions?
1. High gain aluminium
  2. Lenticular
  3. Beaded
  4. Matte
- 5-51. How close to the screen should you place the first row of chairs for the audience of a classroom presentation?
1. 2 screen heights
  2. 3 screen heights
  3. 4 feet
  4. 6 feet

- 5-52. What is the farthest distance away from the screen that you should place the last row of chairs for a presentation?
1. 6 screen heights
  2. 8 screen heights
  3. 10 feet
  4. 12 feet
- 5-53. What misadjustment creates the effect of keystoneing?
1. A projector not in focus
  2. A projector too close away from the screen
  3. A projector too far away from the screen
  4. A projector not perpendicular to the screen surface
- 5-54. Keystoneing appears on the screen as what shape?
1. Box
  2. Cone
  3. Wedge
  4. Circle
- 5-55. You should groom the command briefing theater or conference room to make a positive first impression on new personnel.
1. True
  2. False
- 5-56. What action can you take to lessen the amount of sound affecting the briefing theater or conference room?
1. Carpet the room
  2. Post signs requesting silence
  3. Add upholstered furniture to the room
  4. Each of the above
- 5-57. Why should you adjust the temperature in a conference room not to be overly warm?
1. To prevent numbness
  2. To prevent slumber
  3. To reduce bacteria
  4. To reduce odor
- 5-58. You should divide lighting in the theater into how many phases?
1. One
  2. Two
  3. Three
  4. Four
- 5-59. While the audience enters the theater but before the presentation begins, what lights in the theater should be on?
1. The lights over the speaker
  2. The lights over the audience
  3. The lights in back of the room
  4. The lights in front of the screen
- 5-60. Once the audience sits and just before the presentation, you should turn off what lights?
1. The lights in front of the screen
  2. The lights in back of the room
  3. The lights behind the audience
  4. The lights over the audience
- 5-61. During the presentation, when do you turn off the lights on the screen?
1. After the introduction of the speaker
  2. As the audience enters the theater
  3. As the audience leaves the theater
  4. After the first introductory slide
- 5-62. Leaving the lights on behind the audiences provides what advantage?
1. A decrease in eyestrain
  2. An increase in eye contact
  3. An increase in temperature
  4. A decrease in note taking
- 5-63. What lights are on as the audience leaves the briefing theater?
1. The lights over the speaker and on the screen
  2. The lights over the speaker and over the audience
  3. The lights over the speaker and behind the audience
  4. The lights in front of the audience and on the screen
- 5-64. Where would you place the speakers in a theater to prevent squeal or feedback?
1. In front of and to the right of the audience and the lectern
  2. In back of and to the right of the lectern and the audience
  3. In front of the lectern and facing the audience
  4. In back and facing the audience and the lectern

- 5-65. Why should only one division be responsible for maintaining the briefing theater?
1. To stop loitering
  2. To stop littering
  3. To control access
  4. To schedule and assign time
- 5-66. Why is it important to maintain the theater in a state of optimum readiness?
1. To communicate effectively
  2. To look good to new personnel
  3. To control access to the theater
  4. To maintain cleanliness in the theater
- 5-67. Staggering the projectors in a projection rack gives you what capability?
1. Adequate ventilation
  2. Projector access
  3. Untangled cords
  4. Multimedia
- 5-68. What seats in a briefing theater should be able to rotate or move?
1. The first row
  2. The second row
  3. The third row
  4. Dignitary seating
- 5-69. Where should you place the lectern in a theater?
1. Near the door
  2. In the center of the screen
  3. To one side and even with the screen
  4. To one side and in front of the screen
- 5-70. Where should you place a speaker when using a lecture aid?
1. Between the lectern and the screen
  2. Next to the lectern, opposite the screen
  3. Opposite the podium, with the screen in between
  4. In front of the lectern, between the audience and the speaker
- 5-71. The area surrounding the projection devices is known by what name?
1. The projection area
  2. The projection rack
  3. The projection stage
  4. The projection assembly

